Development (1948) Department

MS SERIES

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| I.O. No. | 1357 |
| Dated | |

## [Despatch Abstract.]

Livestock - Provincial Livestock Improvement Board

in January 1948 - Correspondence Recorded.

DEVELOPMENT DEPARTMENT

PROVINCIAL LIVESTOCK IMPROVEMENT BOARD.

TWENTY FIRST MEETING- 24th JANUARY 1948.

A G E N D A

I. Confirmation of the minutes of the previous meeting.

II. Action taking on the recommendations of the Board at its previous meeting

III. Establishment of a cattle farm at Chintaladevi in Nellore District for raising young stock.

IV. Establishment of a Fodder Research Station at Hosur and the appointment of an Agronomist.

V. Subsidising of poultry Farms by Government.

VI. Sale of hatching eggs to Villagers by the Touring Veterinary Assistant Surgeons.

VII. Suggestions to make contacts which may be of help to India during Mr. De Valois' visit to America.

VIII. Extension of the Scheme for the development of Poultry now being worked at the Agricultural Research Stations at Anakapalle, Samalkota, Palur, Aduthurai and Koilpatti to all the Agricultural Research Stations in the Province wherever possible.

IX. Provision of a Breeding bull and a Nurra Buffalo bull to each Agricultural Station.

X. Scheme for the tuberculin testing of cattle.

XI. Date of the next meeting.

NOTES ON SUBJECTS.

ITEM II of the minutes of the last meeting.

(a) and (b) Alternative site for the Kancha and construction of cow sheds.

The final report from the Collector of Chingleput regarding an alternative site for the Kancha is still awaited an he has been specially remined in the matter. The question of constructio of cow sheds is kept pending a decision regarding the site for the Kancha.

(c) Wire fencing for the Kancha.

The Joint Director of Veterinary Services has been aske to submit a report regarding a quick growing and drought resistin plant to form a live fence in consultation with the Chief suggested that a plant of the Variety "Crosophis Juli Flora" which grows quickly to a height of 16 to 18 feet and which is of a thorny variety may prove an effective fence for preventing the cattle fro wandering out of the Kancha and that it may not be necessary to put up wire fencing. The Joint Directorof Veterinary Services has been asked to offer his remarks on this suggestion. The question of obtaining about 15 rolls of sowerfield tracks for putting up a fence at the Kancha has also been taken up with the Joint Director of Veterinary Services.

Item III of the minutes of the last meeting.

Scheme to investigate into the costings of milk and milk products in the Madras Presidency.

It has been suggested that in view of the present financial stringency, the scheme may be deferred. Final orders as to whether the scheme should be undertaken now or whether it should be deferred are likely to issue shortly.

Item IV of the minutes of the last meeting.

Opending of District Poultry Farms in temporary structurers

Final orders have not yet been issued on the proposal to put up temporary structures. They are likely to issue shortly.

As promised by the Chairman at the last meeting, a circular has been issued to the Director of Veterinary Services and the Director of Agriculture asking them to issue instructions to their respective subordinates insisting on cooperation between the Agricultural and Veterinary Departments - Instructions have also been issued that the cattle and Poultry in Agricultural farms shou be supervised by District Veterinary Officers who will give necessary advice and guidance to the officer in charge of the farm.

Supplementary agenda. Construction of a Students Hostel at the Livestock Research Station, Hosur.

This is being considered as a Part II Scheme for 1948-49

III. Establishment of a cattle farm at Chintaladevi in Nellore District for raising young stock.

Sri V. Raghaviah, M.L.A., Nellore, raised the question of opening a livestock farm in Nellore District. Some sites were suggested and inspected. There was a Government cattle farm at Chintaladevi in Nellore District till 1932 when it was closed as a measure of retrenchment. These old farm premises are now used as a Criminal Tribes Settlement under the management ofthe Police Department. The Deputy Inspector General of Police, C.I.D and Railways Madras who was addressed in the matter has reported that the land and buildings ofthe Chintaladevi Settlement in Nellore District may not be available for the Veterinary Department as there is no likelihood ofthe Settlement being abolished or moved to another place.

The next site best suited for the purpose is one near Nellore at Khadernavishahanpet, which has been inspected and approved by the Director of Veterinary Services, Madras and which has also been earmarked for a Breeding farm by the District Collector, Nellore. The prospects of establishing of a farm at Chingaladevi are, therefore, remote at present, and the question of opening a farm for the Ongoles in the proposed site near Nellore may be pursued.

IV. ESTABLISHMENT OF A FODDER RESEARCH STATION AT HOSUR AND THE APPOINTMENT OF AN AGRONONMIST.

This is a proposal of the Livestock Development Officer, Madras. The Livestock Development Officer is of opinion that as a department dealing with livestock, it is imperative to have adequate staff to enable a proper study of the various problems relating to fodder crops including pastures. It is therefore urge that it is essential to make the maximum use of the Livestock Research Station at Hosur for styding the problem. With this end in view, the Livestock Development Officer proposes that an Agronomist may be appointed to study the problems of rural and animal husbandry economics both at Hosur (which is an ideal place to be the Headquarters of such an officer) as also elsewhere in the Presidency. This officer assisted by an adequate staff will etc., suited to the Madras Province.

The technical personnel to administer and work this scheme will have to be recruited from the Agricultural Degree or diploma holders having suitable qualifications and experience. The estimated expendiuture for the 1st Year of this scheme is about Rs. 16,200 recurring and Rs.6000 non-recurring as shown in the statement attached.

I It might be appropriate to have this scheme under the administrative control of the Director of Agriculture, the Veterinary Department promising the facilities that may be found necessary.

V. SUBSIDISING OF POULTRY FARMS BY GOVERNMENT

Only one poultry scheme run by private enterorise is subsodised by Government at present viz., the Scheme of the American Arcot Mission, Katpadi.

A scheme for the improvement of Poultry by the Mangalagiri Cooperative Egg Marketing Society in Tinnevelly District approved by Government is worked on a grant sanctioned by Government.

No other poultry farm is subsidised by Government and no application from private parties has been received for such encourggement. It is suggested that Poultry Farms are run by Private parties with 50 laying Hens and above may be subsidieed by Government.

VI SALE OF HATCHING EGGS TO VILLAGERS BY THE TOURING VETERINARY ASSISTANT SURGEONS.

Eggs for hatching purposes are available for sale at present with the Veterinary Assistant Surgeons in charge of Veterinary Institutions in which Poultry Units are functioning. In addition, eggs are also available for a sale at the livestock Research Stations at Hosur and Lam and the Poultry Research Station, Madras.

Touring Veterinary Assistant Surgeons are expected to tour for 20 days in the month in their jurisdiction and the idea to entrust them with the selling of eggs on tour involves the risk of breakage and deterioration of the eggs during transit.

VII. SUGGESTIONS TO MAKE CONTRACTS WHICH MAY BE OF HELP TO INDIA DURING MR. DEVALOTS' VISIT TO AMERICA.

The visit of Mr. DeValois to America and other counter may be taken advantage of to collect information on the latest methods adopted in those countries for the the improvement of sheep and goats and poultry industries.

Mr. DeValois on his return from tour may be requested furnish a comprehensive report on the latest methods adopted in those countries for the impvovement of sheep and goats and poultry.

VIII. EXTENSION OF THE SCHEME FOR THE DEVELOPMENT OF POULTRY NOW BEING WORKED AT THE AGRICULTURAL RESEARCH STATIONS ANAKAPALLE,SAMALKOTA,PALUR,ADUTHURAI AND KOILPATTI PROVINCE WHEREVER POSSIBLE.

The Scheme was sanctioned by Government for a period of 2 years and started to work in April 1946 and is due to terminate on 31-3-1948. It is being worked at the following centres by the Agricultural Department.

(1) Anakapalle (2) Samalkota. (3) Palur.
(4) Aduthurai and (5) Koilpatti.

A detailed report on the working of the scheme for the past 2 years will have to be obtained from the Director of Agriculture before the question of the extension of the scheme is considered.

IX. PROVISION OF A BREEDING BULL AND A MURRAH BUFFALO BULL TO EACH AGRICULTURAL STATION.

The Director of Agriculture has stated that only a few Agricultural Stations have breeding bulls and it is desirable that each such station is provided with a Breeding bull suitable to the locality and also a Murrah buffalo Breeding Bull. The Livestock Development Officer considers that it would be a good thing to supply the Agricultural farms with bulls belonging to the Civil Veterinary Department and to reserve the male progeny for distribution, thereby increasing the number of pedigree animals in this Province. He has therefore agreed to arrange to meet the demand from the Agricultural Farms for Sind bulls as and when bulls become available. When bulls are available one each will be arranged to be stationed at Samalkot, Maruteru, Buchireddipalayam, Kalastri, Kodur and Gudiyattam as recommended by the Director of Agriculture.

X. SCHEME FOR THE TUBERCULIN TESTING OF CATTLE.

A scheme to find out the incidence of tuberculosis among cattle in India was prepared by the Indian Council of Agricultural Research in 1945, but for various reasons was held in abeyance. x The scheme provides for three centres in Indian and one of the centres proposed is the District of Coimbatore. The proposal was received again by Dr. Minett in his letter dated 24th June 1947 and I replied that I was prepared to run the scheme. Copies of the two letters with the proposed scheme are attached for the information of the Board.

Copy of letter No.T/94, dated 24th June 1947 from Dr.F Minett, C.I.E., D.Sc., M.R.C.V.S., Director, Indian Veterinary Research Institute, Mukteswar to the Director of Veterinary Services, Madras.

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Sub:- Scheme for the tuberculin testing of cattle with a view to determine the incidence of bovinne tuberculosis.

Ref:-Your letter No.Roc. 2250-II/45-dated the 10-4-1947.

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With reference to your letter referred to above, I have the honour to state that I have received an intimation from the Indian Council of Agricultural Research that in case there is no

likelihood of the tuberculin testing schemes being initiated in Madras and Bombay in the near future they propose to resume the unspent balance of the grant as they consider it undesirable that funds should be locked up for an indefinite period.

We have had some difficulties in procuring asparagin -a chemical used in the preparation of tuberculin. If the asparagin on indent arrives in time we may be able to start the schemes soon after the winter harvest i.e. in January 1948. Will you please le me know if it will be possible for you to agree to run the scheme then.

The staff sanctioned for the scheme is one Veterinary Inspector at Rs.150/- p.m. plus Rs. 80/- p.m. fixed travelling allowance, six veterinary Assistant Surgeons at Rs. 80/- p.m. plus Rs. 40/- p.m. fixed travelling allowance, and six stockmen at Rs.30/- p.m. plus Rs. 15/- p.m. fixed travelling allowance.

I also proposed to request the Indian Council of Agricultural Research to attach two coolies with each of the six teams for helping in securing the animals.

In view of the revision of pay of staff that has taken place, please let me know what you think should bethe minimum pay and allowances of each of these categories of posts. I shall then have to approach the Indian Council of Agricultural Research forfurther grants.

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Copy of letter R.O.C. No. 3943-II/47 dated 17-8-1947 from the Director of Veterinary Services, Madras to the Director, Indian Veterinary Research Institute, Mukteswar.

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Sub:-Scheme for the tuberculin testing og cattle with a view to determine the incidence of Bovine, tuberculosis.

Ref:- Your letter No.T/94 dated 24-6-1947.

I have the honour to report that I am prepared to run th scheme on the lines indicated in your letter cited above from January 1948, although I aniticipate some difficulty from the public.

In view of the revision of pay for the staff, the follow ing are the minimum rate of pay and allowances for each of the categories of posts mentioned in your letter.

As there is no Veterinary Inspector's grade in this department, I suggest that a gazetted officer may be put in charge of the scheme and he may be given one peon. The rates of pay and fixed travelling allowance for the staff in conformity with the rates laid down in Madras Travelling Allowance Rules are given below:-

| Officer. | Pay. | Fixed travelling allowan |
|---|---|---|
| Gazetted Officer. | Rs. 260-700 | Rs. 100/- per mensem. |
| Veterinary Assistant Surgeon. | Rs. 140-250 | Rs. 50/- per mensem. |
| Stockmen Compounder. | Rs. 35/- | Rs. 15/- per mensem. |
| Peon. | Rs.16/- | Rs. 10/- per mensem. |

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Detailed Technical Programme of Scheme for the Tuberculin Testing of Cattle to determine the incidence of Bovine Tuberculosis.

(Subject to the agreement and modifications of the Provincial Directors, concerned).

No programme can be accepted without the consent of the Provincial Directors concerned. To save time, this Provisional programme is being submitted (1) the Directors concerned and (2) the Imperial Council of Agricultural Research. It might be valuable if the matter can be disxcussed by the Animal Disease and Pests Committee, at Hyderabad. (January 29th to February 1st, 1945

Summary of Original Project.

The Oroginal concept was to test up to 25,000 head of village cattle in a few talukas of the districts of Hisaar (or Lahore), Ahmedabad and Coimbatore.

A team of veterinarians and stockmen (preferably of local origin) would be recruited - one teams for each district - and trained at some suitable centre by the Research officer Tuberculosis. They would then proceed to the locality allotted to them and commence teating of village cattle during the remainin period of the scheme. The tuberculin used for testing would be synthetic mammalian tuberculin prepared by the Research Officer, Tuberculosis and Johne's Disease and issue free. Records would be kept for analysis. Suggestions have been made and must be further discussed as to a means of persuading the cattle owners to permit testing. It has been suggested that positive reactors should be branded with a view to tracting animals subsequently. This proposals also requires careful further consideration.

Detailed consideration.

(1) Target. To test 25,000 cattle in a district or part of a district - the original proposal - is a formidable undertaki almost wholly on account of owners reluctance to permit testing. Means of obviating this reluctance are discussed in (8), but while it is desirable to fix a high target, there cannot be undu dismay if figures fall short of this total.

(2) Selections of Districts or part of Districts. The original selection of the districts Coimbatore and Ahmedabad seems in every way suitable and receives the approval of the Director of Veterinary Services concerned. The parts of these districts which will be ultimately covered will largely be worked out in ppactice. But, as there will be six pairs of testers (1 pair 1 Veterinarian and 1 stockman) for each district, provisional areas will have to be alloted to each pair. One or two pairs will be alloted to the headquarters. As to the remainder, the original concept was to allot them all to one or at the most two talukas. But a talukas an arbitrarily defined admini strative area in no way concerned with the incidence of tuberculosis and often unrelated to co communications. The wirter can see no point in this choice. In this sort of work, case of communication is of paramount importance, while there is little reason why administrative assistance, while there is little reason why administrative as in a single taluka. Plainly the scheme should be founded on roadsq Thus it is thought that each pair of testors should be alloted a main road or one side of a main road radiating from the district head-quarters. By working the villages lying continuously easy communication between the various villages and visits by the inspectors will be simple. If testors allotted to a ridial road fix as their starting point the first large village occurring day 5 to 10 miles out of the district centre and work gradually outwards from ot, they will always be accesible and the incidence of tuberculosis in relation to increasing distance radically from the city can be observed.

The districts proposed for north India have been Hissar (originally) or Lahoure (the Director of Veterinary Service choice). In the writer's view, the choice of Hissar is in every way unfortunate because:- (1) The cattle of the area are to some extend contacted with the abnormal incidence of tuberculosis in Hissar farm. (2) Much of the cattle populations has been dispersed owing to famine. (3) There is much stronger resistance

on the part of owners to testing cattle here, than near Laboure. (4) Communications are very bad round Hissar - but one road passing through desert. From Lahore abuddant roads radiate in all directions, all served by buses. The sole reason why Hissar was chosen was because the medical authorities wished to co-relate the incidence of bovine tuberculosis with that in humans in near Hissar. It is thought that Lahoure should be selected and at a convenient moment during the scheme a few thousand cattle could be also tested in Hissar.

(3) Recruitment of testing teams. I Veterinary Inspectors (Rs. 150/- p.m.):- One Inspector is required for each district's team (3 in all). Such officers will be advantageously recruited from the Imperial Veterinary Research Institute for it is better that they be known to the Research Officer, Tuberculos As far as possible officers should be of the Province in which they are to work. One advantage of using Imperial Veterinary Research Institute Officers will be that on reverting to Mukteswa they will be accessible to the Research Officer, Tuberculosis for collating the records which may take time extending beyond the period of this scheme. Another is, that they will be familiar with wholesale diagnostic routine, while one or two may be appointed who have already acquired knowledge of tuberculosis research.

II. Veterinary Assistant Surgeons (6) Stockmen (6) (Rs.80/- and Rs. 30/- p.m. respectively). These men would be advantageously recruited locally. The should be alert, energetic young men, nominated by the Director of Veterinary Service concerned. The training they will undgrgo will be of positive value to th eir service on reversion and t ey could be of great use subseqnently if tests suggest that further work on tuberculosis is required in the Province.

(4) Training of Personnel. All personnel will be required to meet the Research officer, Tuberculosis at the place selected for training at Zero hours of the scheme. They will be trained for a period of about 3 weeks by repeetedly performing the intradernal test on both positive and negative animals. They will be coached in an ordered routine of wholesale testing and in the keeping of records. With the agreement of the Director ofVeterinar Services, Punjab no better training centre can be selected than Hissar Cattle Farm, where numerous recorded positive and negative reactors are to be found. At the same time the last week or so of training could usefully be employed by actual attemps by all teams to test village cattle in the Hissar district; thus partially or wholly satisfying the demand for est hereabouts. At the termination of the training period (.0 hours plus 3 weeks), trainee will be issued with tuberculin apparatus, and registers and proceed direct to the scene of their duties, ordinarily remaining there until the end of the scheme (0 hours plus 12 months).

Nevertheless, in the case of inspectors not recruited from the Imperial Veterinary Research Institute these officers will return to the Imperial Veterinary Researh Institute at Zero hours plus 11 months bringing with them the up-to-date records for analysis with the Research Officer, Tuberculosis.

(5) Duties of the teams. I Inspectors:- Inspectors will be responsible for the working of the team under their command, and will be guided by the Research Officer, Tuberculosis, through the local Director of Veterinary Services. They will hold a roving commission and superintend the work within their territoty. They will visit and take part in the work of each pair of testers ordinarily once in a fortnight. They will inspect fortnightly and collect once a month the previous month's records and having analysed them will file them uhder an order of increasing distance from the city for each road. They will verify that registers are being correctly entered and that tests are being done carefully. They will keep a separate comolaint register for the whole district in adphabetical orders o f complainants names,

givingreasons for refusal to allow testing, and notes on obstructi actions. The inspectors will also keep small registers of inward and outward issues of tuberculin, inventory of apparatus and of contingent expenditure.

II Veterinary Assistant Surgeons and Stockmen:-

Each team of 6 Veterinary Assistant Surgeons and 6 stockmen will be split into 6 pairs of testers viz., one Veterinary Assistant Surgeon and one stockman. Each pair will be allotted, to start with, a given roadside, or city area but the inspector, at his discretion and with sufficient reason, can combine pairs or move them to different tracts within the district. The system of work adopted by testers will be as follows. They will, it is to be hoped, have the way prepared for them by the good offices, the Deputy Commissioner, Tahsildar and Patwari or village official and where possible the local Veterinary Assistant Surgeon or Inspector. Each pair of testors will select the group of villages or area of city which it is intended to test that month, and commence testing according to a predetermined routine.

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W.R.S. Satthianadhar
Secretary to Government

SP/4. 9

/True Copy/

Approximate cost of the appointment of an Agronomist and staf to be in charge of pastures and gardens at Hosur.

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| Technical Staff. | Recurring. Rs. | A. | Non-Recurring Rs. | |
|---|---|---|---|---|
| Agronomist (Rs.260-700) Pay | 260 | 0 | | |
| Ddarness allowance | 50 | 0 | | |
| Assistants (2) (100-200) | 200 | 0 | | |
| Dearness allowance. | 36 | 0 | | |
| Plant Collectors (2) (45-60) | 90 | 0 | | |
| Dearness allowanc | 36 | 0 | | |
| Laboratory Assistant (60-90) | 60 | 0 | | |
| Dearness Allewance. | 18 | 0 | | |
| Office Staff. | | | | |
| Head Clerk (80-110) | 80 | 0 | | |
| Dearness allowance. | 18 | 0 | | |
| Lower Division Clerk(45-90) | 45 | 0 | | |
| Dearness allowance | 18 | 0 | | |
| Typist (45-90) | 45 | 0 | | |
| Dearness allowance | 18 | 0 | | |
| Peons - Fourt (16-25) | 64 | 0 | | |
| Dearness Allowance. | 16 | 0 | | |
| Laboratory equipment | - | - | 5,000 | 0 |
| Miscellaneous. | 250 | 0 | | |
| Furniture. | - | - | 1,000 | 0 |
| Work cattle etc., to be supplied by Hosur Cattle Farm. | | | | |
| Building available at Livestock Research station, Hosur may be used. | | | | |
| Total. | 1,352 | 0 per mensem | 6,000 | 0 |
| Expenditure for the 1st Year. | Rs.16,224 | 0 | 6,000 | 0 |

MINUTES OF THE TWENTY-FIRST MEETING OF THE PROVINCIAL LIVISTOCK IMPROVEMENT BOARD HELD AT KATPADI AT 11 A.M. ON THE 24TH JANUARY 1948.

PRESENT.

The Hon'ble Sri K. Madhava Menon,
Minister for Agriculture. CHAIRMAN

Sri V.C. Vellingiri Gounder, M.L.A., (Central.

Sri B. Ramachandra Reddy, O.B.E.

Sri J.J. Devalois, B.Sc.,
Principal, Americal Arcot Mission, Katpadi.

Mr. P.K. Moideen Kutty, M.L.A.

Sri S.R. Subramaniam, B.A.

Mr. W.R.S. Satthianadhan, I.C.S.,
Secretary to Government Development Department. SECRETARY.

Mr. M.S. Srivaraman, I.C.S.,
Director of Agriculture.

Dr. T.J. Hurley, OBE., MRCVS., DVSM., I.V.S.,
Director of Veterinary Services..

Sri K.S. Nair, G.B.V.S., M.R.C.V.S., D.T.V.M.,
Joint Director of Veterinary Service.

Sri Rao Sahib K. Muthukrishna Naidu, B.A., B.L.,
Additional Joint Registrar of Co-operative Societies, and

Sri G.R. Viswanathan, G.M.V.C., P.G. (Edin)
Principal, Madras Veterinary College.

Item I in the Agenda. Confirmation of the minutes of the previous meeting. The Board approved the minutes of the pr

The Chairman suggested that the existing rate of Rs. 7-8-0 per cow should be increased to at least Rs. 10/- as it is very expen to feed a cow at the Farm now-a-days. Mr. Hurley supported this view and siad that at present people send all animals which are not worth-while sending and this could be checked by enhancing the rate. After some discussion it was decided that the matter should be dropped for the present.

Wire fencing for the Kancha. The Director of Agriculture suggested that 'Prosophis Juli Flora' which grows within 3 to 6 months can be tried. The Board accepted the suggestion and asked the Director of Veterinary Services to get into touch with the Director of Agriculture. The Director of Veterinary Services was also asked to pursue the question of obtaining somerfield tracks for putting up a fence at the Kancha. It was decided that both types of fencing might be put up an early date.

Scheme to investigate into the costings of milk and milk products in the Madras Presidencey.

Recorded.

Opening of District Poultry farms in temporary structures.

Recorded.

Construction of a Students' Hostel at the Livestock Research Station at Hosur.

Recorded

Item III in the Agenda. Establishment of a cattle farm at Chintaladevi in Nellore District for raising young stock.

The question of establishing a cattle farm at Chintaladevi was abandoned. It was decided that the question of taking an area of about 500 acres in a Panchayat forest near Nellore and starting a farm in this area should be actually pursued further.

Item IV in the Agenda. Establishment of Fodder Research Station at Hosur and the appointment of an Agronomist.

The Director of Agriculture stated that he would shortly be putting up a comprehensive fodder scheme to be financed by the Indian Council of Agricultural Research. The Scheme was therefore dropped.

Item V in the Ag enda. Subsidising of poultry farms by Government.

The Board considered that the Joint Director of Veterinary Services should be asked to submit a more detailed and comprehensive scheme after consulting those who knew about poultry. It was also decided to ask the Registrar of Cooperative Societies to put up proposals for breeding also developing egg-marketing societies to supply eggs for breeding also.

The policy of extension of the scheme to other Agricultural Research Stations was generally approved. The Director of Agriculture should be asked to put up detailed proposals to give effect to this policy.

Item IX in the agenda. Provision of breeding bull and murrah buffalo bull to each agricultural station.

The proposals to arrange for the supply of Sind bulls to agricultural Farms as and when they become available was generally approved but it was considered that this arrangement should not affect the supply to private individuals.

Item X in the Agenda. Scheme for the Tuberculin testing of Cattle.

No remarks. Recorded.

Item XI in the Agenda. Date of the next meeting.

It was decided that the next meeting should be held at the farm of the Pattagar of Palayakottai early in April, the final date being fixed by the Secretary of the necessary correspondence.

Item IX in the Agenda.

Provision of a breeding bull and Madras Buffalo bull to each Agricultural Station.

I think it is better to issue an under approving the arrangement recomended the committee.

No specific action seems called for or this recommendation - The minutes have been communicated among others, to Joint Director of Veterinary Service and Director of Agriculture and no further instructions seem necessary.

Item X in the Agenda.

Sd/-x x x
8.3.48.

No action.

Item XI in the Agenda.

Date of the next meeting fixed on 12-4-1948
The date of the next meeting has been fixed on 12-4-1948 there is a separate file on the subject -
Orders at 'A' and 'B' on page 5 above.

There is being dealt with in the file regarding the meeting of the Board in April 1948. As no further action appears necessary in this file, this may be recorded now.

Action may be taken on 'A' above separately.
Sd/-x x x
10-3-48.
Separate action taken regarding 'A' above in in C.No. 3158(A)E/48.

G.O.Ms.No. 1357 D/ 19-3-1948.

ABSTRACT:-

Livestock - Provincial Livestock improvement Board - Meeting in January 1948 - Correspondence Recorded.

/True Copy/

Office Assistant
Madras Record Office.

SP/24.9.